

MAIL STOP PCT

ATTORNEY'S DOCKET NUMBER: 26462U

U.S. DEPARTMENT OF COMMERCE, PATENT AND TRADEMARK OFFICE		DATE: 03 FEBRUARY 2005 (03.02.2005)
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		U.S. APPL. NUMBER: (if known) 10/523111 Not Yet Assigned
INTERNATIONAL APPLICATION NUMBER: PCT/EP2003/008724	INTERNATIONAL FILING DATE: 06 AUGUST 2003 (06.08.2003)	PRIORITY DATE CLAIMED: 10 AUGUST 2002 (10.08.2002) EP
TITLE OF INVENTION: PIPERIDINE-PYRIDAZONES AND PHTHALAZONES AS PDE4 INHIBITORS		
APPLICANT(S) FOR DO/EO/US: Jan Geert STERK		

Applicant hereby submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☐ This express request to begin national examination procedures (35 USC 371(f)) The submission must include items(5), (6), (9) and (21) indicated below.
4. ☒ The US has been elected (Article31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2)):
 - a. ☒ is transmitted herewith (required only if not transmitted by the International Bureau).
 - b. ☐ has been communicated by the International Bureau.
 - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US)
6. ☐ A English translation of the International Application as filed (35 U.S.C. 371(c)(2)).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
 - a. ☐ are attached hereto (required only if not transmitted by the International Bureau).
 - b. ☐ have been communicated by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☒ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

ITEMS 11 to 20 BELOW CONCERN OTHER DOCUMENT(S) OR INFORMATION INCLUDED:

11. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☒ A **FIRST** preliminary amendment.
14. ☐ A **SECOND** or **SUBSEQUENT** preliminary amendment
15. ☐ A substitute specification.
16. ☐ A change of power of attorney and/or address letter.
17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter2 and 35 USC 1821 - 1825
18. ☐ A second copy of the published international application under 35 USC 154(d)(4)
19. ☐ A second copy of the English language translation of the international application under 35 USC 154(d)(4)
20. ☒ Other items or information:
TRANSMITTAL LETTER; APPLICATION DATA SHEET; TRANSMITTAL LETTER TO U.S. DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING FILING UNDER 35 U.S.C. 371; INTERNATIONAL PUBLICATION NUMBER: WO 2004/017974 A1, INTERNATIONAL PUBLICATION DATE: 04 MARCH 2004 (04.03.2004), WITH INTERNATIONAL SEARCH REPORT (PCT/ISA/210), WHICH CONSISTS OF 61 PAGES: 1 PAGE OF THE COVER SHEET CONTAINING THE ABSTRACT, 41 PAGES OF TEXTUAL SPECIFICATION, 19 PAGES OF 22 CLAIMS, PRELIMINARY AMENDMENT WITH APPENDIX A AND B TO BE EXAMINED; PCT/RO/101 PCT REQUEST WITH EXECUTED INVENTOR'S DECLARATION; PCT/IPEA/409 INTERNATIONAL PRELIMINARY EXAMINATION REPORT; POSTCARD FOR EARLY NOTIFICATION OF SERIAL NUMBER.

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U.S. APPLICATION NUMBER: (If known) Not Yet Assigned <div style="font-size: 2em; font-weight: bold; margin-top: 10px;">10/523111</div>	INTERNATIONAL APPLICATION NUMBER: PCT/EP2003/008724	DATE: 03 FEBRUARY 2005 (03.02.2005)
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17. <input checked="" type="checkbox"/> The following fees are submitted: Basic National Fee (37 CFR 1.492(a)(1)-(5): (to include Basic National Stage Fee, National Stage Search Fee, and National Stage Examination Fee) International preliminary examination fee paid to USPTO (37 CFR 1.482).....\$750.00 No international preliminary examination fee paid to USPTO (37 CFR 1.482) but international search fee paid to USPTO (37 CFR 1.445(a)(2)).....\$790.00 Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO.....\$1,110.00 International preliminary examination fee (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(2)-(4) IPEA-U.S.....\$ 100.00 <div style="text-align: right;">ENTER APPROPRIATE BASIC FEE AMOUNT =</div>	CALCULATIONS \$ 1,000.00 \$ 1,000.00	PTO USE ONLY
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Surcharge of \$130.00 for furnishing the oath or declaration later than ____ 20 ____ 30 months from the earliest claimed priority date (37 CFR 1.492(e)).	\$ 0.00	
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CLAIMS	NUMBER: FILED	NUMBER: EXTRA	RATE		
TOTAL	31-20=	11	X \$ 50.00	\$	550.00
INDEPENDENT	4- 3=	1	X \$ 200.00	\$	200.00
Multiple dependent claims(s) (if applicable)			+ \$360.00	\$	0.00
TOTAL OF ABOVE CALCULATIONS =				\$	1,750.00
Reduction by 2 for asserting small entity, if applicable. (Note 37 CFR 1.9, 1.27, 1.28).				\$	0.00
SUBTOTAL =				\$	1,750.00
Processing fee of \$130.00 for furnishing the English translation later than ____ 20 ____ 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$	0.00
TOTAL NATIONAL FEE =				\$	1,000.00
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +				\$	0.00
TOTAL FEES ENCLOSED =				\$	1,750.00
				Amount to be: refunded charged	\$ \$

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a. ☒ One check in the amount of \$ 1,750.00 to cover the above fees is enclosed.

b. ☐ Please charge my Deposit Account Number: 14-0112 in the amount of \$ _____ to cover the above fees. (A duplicate copy of this sheet is enclosed.)

c. ☒ The Commissioner is hereby authorized to charge any additional fees, which may be required, or credit any overpayment to Deposit Account Number: 14-0112.

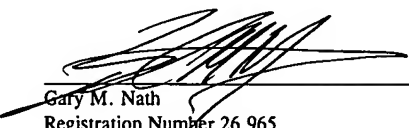
d. Fees are to be charged to a credit card ☐ WARNING: Information on this form may become public ☐ Credit Card Information should not be included on this form. ☐ Provide credit card information and authorization on PTO-2038

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed to request that the application be restored to pending status.

Send All Correspondence To:

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MAIL STOP PCT

Attorney Docket: 26462U

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:
STERK

International Application Number: PCT/EP2003/008724

Serial Number: NOT YET ASSIGNED

International Filing Date: 06 August 2003 (06.08.2003)

Filed: February 3, 2005

For: **PYRROLIDINEDIONE SUBSTITUTED PIPERIDINE-PHTAHALAZONES AS PDE4
INHIBITORS**

TRANSMITTAL LETTER

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Submitted herewith for filing in the U.S. Patent and Trademark
Office is the following:

- (1) Transmittal Letter;
- (2) Application Data Sheet;
- (3) Transmittal Letter to U.S. Designated/Elected Office
(DO/EO/US) Concerning Filing under 35 U.S.C. 371;
- (4) International Publication Number: WO 2004/017974 A1,
International Publication Date: 04 March 2004 (04.03.2004),
with International Search Report (PCT/ISA/210), which consists
of 61 pages:
 - 1 Page of the Cover Sheet with English Abstract,
 - 41 Pages of Textual Specification with embedded formulas,
 - 19 Pages of 22 Claims;
- (5) **Preliminary Amendment with Appendix A and B to be Examined;**
- (6) **PCT/RO/101 PCT Request with Executed Inventor's Declaration;**
- (7) PCT/IPEA/409 International Preliminary Examination Report;
- (8) Check Number: 22554 in the amount of \$ 1,750.00 for basic
filing fee as a large entity, search fee, examination fee, 1
extra independent claim over 3, and 11 extra dependent claims
over 20;
- (9) Postcard for early notification of serial number.

Respectfully submitted,
NATH & ASSOCIATES PLLC

Date: February 3, 2005
NATH & ASSOCIATES PLLC
1030th Street, N.W., 6th Floor
Washington, D.C. 20005-1503

By: 

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